



PATENT

Application # 10/045,980

Attorney Docket # 2001-0027 (1014-162)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Mathew J. Sherman  
Application # : 10/045,980  
Confirmation # : 2352  
Filed : 10 January 2002  
Application Title : METHOD FOR ENABLING INTEROPERABILITY  
BETWEEN DATA TRANSMISSION SYSTEMS  
CONFORMING TO IEEE 802.11 AND HIPERLAN  
STANDARDS  
Art Unit # : 2665  
Latest Examiner : Roberta A. Stevens

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
United States Patent and Trademark Office (USPTO)  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97, and 1.98, the attention of the USPTO is hereby directed to the attached listing of documents and/or the attached Declaration. For each document listed under "Foreign Patent Documents" or "Non Patent Documents", one copy of that document is attached.

It is respectfully requested that the listed documents:

- (1) be expressly considered during the prosecution of this application;
- (2) be made of record therein; and
- (3) appear among the "References Cited" on any patent to issue therefrom.

Although the information submitted herewith might be “material” to the USPTO’s consideration of this application, this submission is not intended to be an admission that such information qualifies as “prior art” as to any claimed subject matter. The filing of this Information Disclosure Statement is not to be construed to mean that a search has been made.

The following marked paragraphs are applicable in this IDS:

**Timing of this IDS:**

- ☒ **A.** This IDS is being filed per 37 CFR 1.97(b)
- ☐ (1): within 3 months of the U.S. filing date other than a CPA under 1.53(d);
- ☐ (2): within 3 months of the date of entry of the national stage as set forth in 1.491 in an international application;
- ☐ (3): before the mailing date of a first Office Action on the merits; **OR**
- ☒ (4): before the mailing date of a first Office Action associated with a request for continued examination (RCE) under 1.114;

**AND**, thus, no certification or fee is required.

- ☐ **B.** This IDS is being filed per 37 CFR 1.97(c), **AFTER** the period specified in 37 CFR 1.97(b) [section **A** of this IDS], and **BEFORE**:
- (a) the mailing date of any Final Action under 1.113,
- (b) a Notice of Allowance under 1.311, **OR**
- (c) an action that otherwise closes prosecution,

**AND**, per 37 CFR 1.97(e), I hereby certify that:

- ☐ (1) each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this IDS ; **OR**

- ☐ (2) no item of information in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than 3 months prior to the filing of this IDS;

AND, per 37 CFR 1.97(c), this IDS is accompanied by:

- ☐ (3) payment of the fee under 37 CFR 1.17(p) to ensure consideration of the disclosed information.

- ☐ C. This IDS is being filed per 37 CFR 1.97(d), AFTER the period specified in 37 CFR 1.97(c) [section B of this IDS], and ON or BEFORE the payment of the Issue Fee;

AND, per 37 CFR 1.97(e), I hereby certify that:

- ☐ (1) each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this IDS; OR
- ☐ (2) no item of information in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than 3 months prior to the filing of this IDS;

AND, per 37 CFR 1.97(d), this IDS is accompanied by:

- ☐ (3) payment of the fee under 37 CFR 1.17(p) to ensure consideration of the disclosed information.

**Legible Copies of Listed References:**

- ☒ D. In addition to the attached listing, accompanying this IDS is a legible copy of each listed:

- (1) foreign patent document;
- (2) pending unpublished U.S. application OR that portion of the application that caused it to be listed including any claims directed to that portion; **AND**
- (3) non-patent document or that portion thereof that caused it to be listed;
- (4) other information or that portion that caused it to be listed.

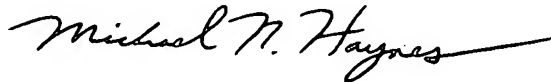
- ☐ E. Consistent with 37 CFR 1.98(d), because the IDS submitted in parent U.S. Patent Application No. \_\_\_\_, to which this application claims priority per 35 U.S.C. 120, complies with 37 CFR 1.98(a) to (c), copies of the patent documents, non-patent documents, pending U.S. application, and other information submitted in that parent application do not accompany this IDS.

#### CONCLUSION

The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. 1.16 or 1.17 to Deposit Account No. 50-2504. The Examiner is invited to contact the undersigned at 434-972-9988 to discuss any matter regarding this application.

Respectfully submitted,

Michael Haynes PLC



Date: 14 November 2005

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/045,980
Filing Date	10 January 2002
First Named Inventor	Matthew J. Sherman
Group Art Unit	2665
Examiner Name	R. Stevens
Attorney Docket Number	2001-0027 (1014-162)

**U.S. PATENT DOCUMENTS**

Examiner Initials	Patent No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
	5,933,111	Schroeder et al.	3 August 1999

**FOREIGN PATENT DOCUMENTS**

	EP 1 111 843 A2	Ghassemzadeh et al.	27 June 2001

**NON-PATENT DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Lin et al, "Enhanced Channel Access Mechanism for QoS-driven homePNA (HPNA 2.1)" U.S. Patent Application Serial Number 60/269,354, Filed February 2001
	Lin et al., "Enhanced Channel Access Mechanisms for an HPNA Network", U.S. Patent Application Serial Number 10/042,142, 11 January 2002
	Lin et al., "Enhanced Channel Access Mechanisms for an HPNA Network", U.S. Patent Application Serial Number 10/042,143, 11 January 2002
	Lin et al., "Enhanced Channel Access Mechanisms for an HPNA Network", U.S. Patent Application Serial Number 10/042,165, 11 January 2002
	Lin et al., "Enhanced Channel Access Mechanisms for an HPNA Network", U.S. Patent Application Serial Number 10/042,179, 11 January 2002
	Lin et al., "Enhanced Channel Access Mechanisms for an HPNA Network", U.S. Patent Application Serial Number 10/042,166, 11 January 2002
	Ghassemzadeh et al., "A Method for Whitening Spread Spectrum Codes", U.S. Patent Application Serial Number 09/875,767, Filed 6 June 2001

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



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Sheet 2 of 2	Attorney Docket Number	2001-0027 (1014-162)	

NON-PATENT DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Britz et al., "Metropolitan Networks Based on Fiber and Free Space Access Distribution Method", U.S. Patent Application Serial Number 09/981,240, Filed 18 October 2001
	Britz et al., "Metropolitan Networks Based on Fiber and Free Space Access Distribution System", U.S. Patent Application Serial Number 09/978,581, Filed 18 October 2001

Examiner Signature		Date Considered	
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